| Electronic Patent Application Fee Transmittal    |   |          |          |        |                         |  |  |  |
|--|---|----------|----------|--------|-------------------------|--|--|--|
| Application Number:                              | 10  | 10576752 |          |        |                         |  |  |  |
| Filing Date:                                     |   |          |          |        |                         |  |  |  |
| Title of Invention:                              | Rna interference mediated inhibition of gpra and aaa1 gene expression using short nuclei acid |          |          |        |                         |  |  |  |
| First Named Inventor/Applicant Name:             | James McSwiggen   |          |          |        |                         |  |  |  |
| Filer:   | Christopher Paul Singer   |          |          |        |                         |  |  |  |
| Attorney Docket Number:                          | 04423F400227US  |          |          |        |                         |  |  |  |
| Filed as Small Entity                            |   |          |          |        |                         |  |  |  |
| U.S. National Stage under 35 USC 371 Filing Fees |   |          |          |        |                         |  |  |  |
| Description                                      |   | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |  |
| Basic Filing:                                    |   |          |          |        |                         |  |  |  |
| Pages:   |   |          |          |        |                         |  |  |  |
| Claims:  |   |          |          |        |                         |  |  |  |
| Miscellaneous-Filing:                            |   |          |          |        |                         |  |  |  |
| Late filing fee for oath or declaration          |   | 2051     | 1        | 65     | 65                      |  |  |  |
| Petition:  |   |          |          |        |                         |  |  |  |
| Patent-Appeals-and-Interference:                 |   |          |          |        |                         |  |  |  |
| Post-Allowance-and-Post-Issuance:                |   |          |          |        |                         |  |  |  |
| Extension-of-Time:                               |   |          |          |        |                         |  |  |  |

| Description    | Fee Code          | Quantity | Amount | Sub-Total in<br>USD(\$) |
|----------------|-------------------|----------|--------|-------------------------|
| Miscellaneous: |                   |          |        |                         |
|                | Total in USD (\$) |          |        | 65                      |